Insur lis

CONTENTS OF VOLUME XVI

ARTICLES

BAER, REINHOLD. Sampling from a Changing Population	348
Bronowski, J., and Neyman, J. The Variance of the Measure of a Two-	
Dimensional Random Set	
Brookner, Ralph J. Choice of One Among Several Statistical Hypotheses	221
DWYER, PAUL S., AND WAUGH, FREDERICK V. Compact Computation of	
the Inverse of a Matrix	259
Feller, W. On the Normal Approximation to the Binomial Distribution.	319
HOEL, PAUL G. Testing the Homogeneity of Poisson Frequencies	362
Hsu, L. C. Some Combinatorial Formulas on Mathematical Expectation.	
Hsu, P. L. The Approximate Distributions of the Mean and Variance of	
a Sample of Independent Variables	1
Hsu, P. L. On the Power Functions for the E ² -Test and the T ² -Test	
Hsu, P. L. On the Approximate Distribution of Ratios	
KAC, M. Random Walk in the Presence of Absorbing Barriers	
Kaplansky, Irving. The Asymptotic Distribution of Runs of Consecutive	
Elements	
KAPLANSKY, IRVING, AND RIORDAN, JOHN. Multiple Matching and Runs	
by the Symbolic Method	
Kishen, N. On the Design of Experiments for Weighing and Making	2,2
Other Types of Measurements	
Mann, Henry B. On a Problem of Estimation Occurring in Public Opinion	294
	85
Polls	
Mises, R.v. On the Classification of Observation Data into Distinct Groups	
NEYMAN, J., AND BRONOWSKI, J. The Variance of the Measure of a Two-	
dimensional Random Set	330
RIORDAN, JOHN, AND KAPLANSKY, IRVING. Multiple Matching and Runs	
by the Symbolic Method	272
Robbins, H. E. On the Measure of a Random Set. II	
RODRIGUES, MILTON DA SILVA. On an Extension of the Concept of Moment	
with Applications to Measures of Variability, General Similarity,	
and Overlapping	
RUBIN, HERMAN. On the Distribution of the Serial Correlation Coefficient.	
Scheffé, and Tukey, J. W. Non-Parametric Estimation. I. Validation	
of Order Statistics	
STEIN, CHARLES. A Two-Sample Test for a Linear Hypothesis Whose	,
Power Is Independent of the Variance	243
STEPHAN, FREDERICK F. The Expected Value and Variance of the Recip-	
rocal and Other Negative Powers of a Positive Bernoullian Variate	50
TUKEY, J. W., AND SCHEFFÉ, H. Non-Parametric Estimation. I. Val-	
idation of Order Statistics	
VAJDA, S. On the Constituent Items of the Reduction and the Remainder	
in the Method of Least Squares	

Wald, A. Sequential Tests of Statistical Hypotheses	117
Sums of Random Variables	287 30
Production which Insure a Prescribed Limit on the Outgoing Quality. WAUGH, FREDERICK V., AND DWYER, PAUL S. Compact Computation of	90
the Inverse of a Matrix	259
Production which Insure a Prescribed Limit on the Outgoing Quality	30
Notes	
Bancroft, T. A. Note on an Identity in the Incomplete Beta Function Berry, Clifford E. A Criterion of Convergence for the Classical Itera-	98
tive Method of Solving Linear Simultaneous Equations	398
Application to the Theory of Probability of Arbitrary Events	91
Feller, W. Note on the Law of Large Numbers and "Fair" Games	301
Geiringer, Hilda. Further Remarks on Linkage Theory in Mendelian Heredity	390
GEIRINGER, HILDA. On the Definition of Distance in the Theory of the Gene	-
HARSHBARGER, BOYD. On the Analysis of a Certain Six-by-six Four-	000
group Lattice Design using the Recovery of Inter-block Information	387
Hsu, Lietz C., and Chung, Kai-Lai. A Combinatorial Formula and Its	0.1
Application to the Theory of Probability of Arbitrary Events KAC, M. A Remark on Independence of Linear and Quadratic Forms	91
Involving Independent Gaussian Variables	400
Kossack, Carl F. On the Mechanics of Classification	95
Madow, William G. Note on the Distribution of the Serial Correlation	
Coefficient	308
Mann, H. B. Note on a Paper by C. W. Cotterman and L. H. Snyder Tintner, Gerhard. A Note on Rank, Multicollinearity and Multiple	311
Regression	304
WAUGH, F. V. A Note Concerning Hotelling's Method of Inverting	
a Partitioned Matrix	216
Miscellaneous	
Abstracts	
Annual Report of the President of the Institute	
Annual Report of the Secretary-Treasurer of the Institute	
Constitution and By-Laws of the Institute Directory of Members of the Institute	
News and Notices	
Progress Report of the Committee on Post-War Development of the Institute	
Report of the Membership Committee of the Institute	
Report on the Rutgers Meeting of the Institute	317

